

02/19/98

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MIO 020 IA

Total Pages

First Named Inventor or Application Identifier

David R. Hembree

Express Mail Label No. EE262386783US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 36]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 9]
4. Oath or Declaration, Power of Attorney [Total Pages 4]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b,  
is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement [X] Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity [ ] Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other: Check \$2,694 (filing fee)  
Check \$40 (assignment fee)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 09 / 009,169**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

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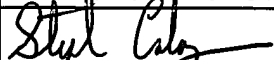
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<b>FEE TRANSMITTAL</b>  <i>Note: Effective October 1, 1997. Patent fees are subject to annual revision.</i>	<b>Complete if Known</b>	
	Application Number	
	Filing Date	
	First Named Inventor	David R. Hembree
	Group Art Unit	
	Examiner Name	
TOTAL AMOUNT OF PAYMENT	(\$ 2734)	
	Attorney Docket Number	MT0 020 1A

<b>METHOD OF PAYMENT (check one)</b>  1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <input type="text"/> Deposit Account Name <input type="text"/> <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance  2. <input type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other	<b>FEE CALCULATION (continued)</b>  <b>3. ADDITIONAL FEES</b> <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227 25 Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216 200 Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>950</td><td>217 475 Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,510</td><td>218 755 Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>2,060</td><td>228 1,030 Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>310</td><td>219 155 Notice of Appeal</td><td></td></tr><tr><td>120</td><td>310</td><td>220 155 Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>270</td><td>221 135 Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,320</td><td>241 660 Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,320</td><td>242 660 Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>450</td><td>243 225 Design issue fee</td><td></td></tr><tr><td>144</td><td>670</td><td>244 335 Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123 50 Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126 240 Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td>40</td></tr><tr><td>146</td><td>790</td><td>246 395 Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>790</td><td>249 395 For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td></tr><tr><td colspan="4">Other fee (specify) _____</td></tr><tr><td colspan="3">* Reduced by Basic Filing Fee Paid</td><td><b>SUBTOTAL (3)</b> (\$ 40)</td></tr></tbody></table>	Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath		127	50	227 25 Surcharge - late provisional filing fee or cover sheet.		139	130	139 130 Non-English specification		147	2,520	147 2,520 For filing a request for reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	400	216 200 Extension for reply within second month		117	950	217 475 Extension for reply within third month		118	1,510	218 755 Extension for reply within fourth month		128	2,060	228 1,030 Extension for reply within fifth month		119	310	219 155 Notice of Appeal		120	310	220 155 Filing a brief in support of an appeal		121	270	221 135 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,320	241 660 Petition to revive - unintentional		142	1,320	242 660 Utility issue fee (or reissue)		143	450	243 225 Design issue fee		144	670	244 335 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Petitions related to provisional applications		126	240	126 240 Submission of Information Disclosure Stmt		581	40	581 40 Recording each patent assignment per property (times number of properties)	40	146	790	246 395 Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249 395 For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				* Reduced by Basic Filing Fee Paid			<b>SUBTOTAL (3)</b> (\$ 40)
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Stephen A. Calogero	Reg. Number	41,491
Signature		Deposit Account User ID	
Date	2/19/98		

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